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A game machine.

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This invention relates a game machine in which a combination of characters stopped along a winning line is judged based on a winning table showing winning combinations of characters to determine the presence of a win and a payment of coins. In this game machine, a substitutable character can be used as another character, and when its substitution makes a combination of characters a winning combination, a payment of coins for the combination is increased or decreased to determine a new payment of coins.

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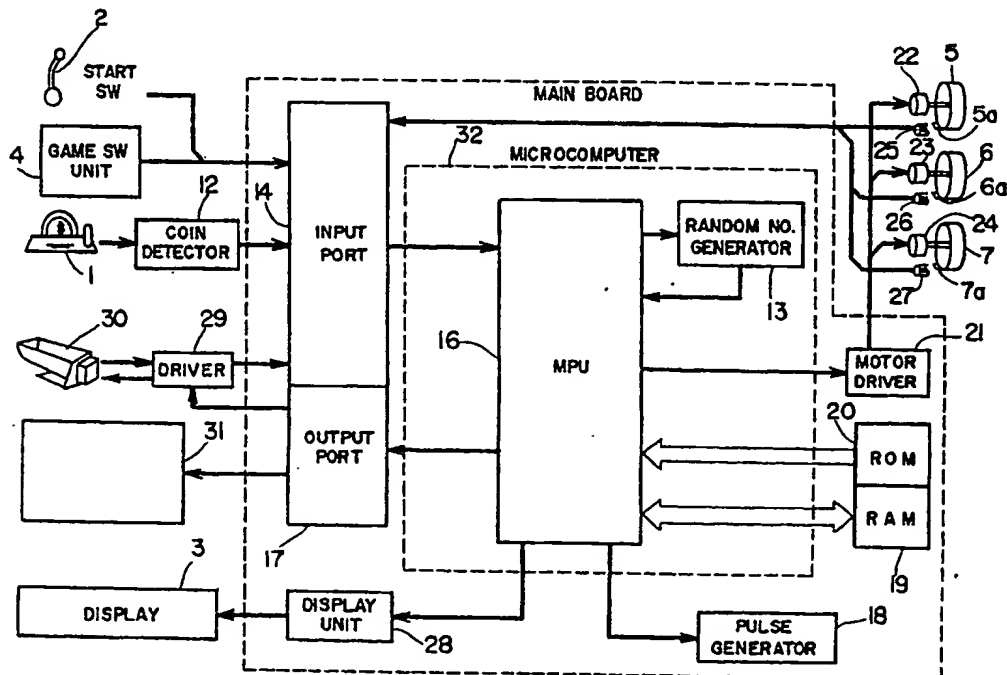
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A game machine.

This invention relates a game machine in which a combination of characters stopped along a winning line is judged based on a winning table showing winning combinations of characters to determine the presence of a win and a payment of coins. In this game machine, a substitutable character can be

used as another character, and when its substitution makes a combination of characters a winning combination, a payment of coins for the combination is increased or decreased to determine a new payment of coins.

Fig. 3



## A GAME MACHINE

### Background of the Invention

#### (Field of the Invention)

This invention relates to a game machine in which preset characters are selected based on random numbers, and the presence of a win is determined.

#### (Related Background Art)

Game machines, e.g., slot machines, are started by insertion of coins or medals into slots formed in the bodies and operation of the start levers or the like to rotate simultaneously a plurality of reels having a plurality of kinds of symbols depicted on the outer peripheries. The reels have the same number of symbols arranged on the outer peripheries.

Fig. 1 shows symbol rows provided on reel outside peripheries of a conventional slot machine. Conventionally, all the reels have symbol rows having the same number of symbols depicted on the outer peripheries. Each symbol row has 16 symbols which correspond to stop positions (16 positions) of the reel. That is, one point on each of the symbols arranged on the reel outside peripheries is one of the stop positions. Each symbol row has, e.g., 4 kinds of symbols (7B, 5B, 1B, blank). Winning combinations are ranked in the order of (1) 7B-7B-7B, (2) 5B-5B-5B and (3) 1B-1B-1B. For example, (1) 7B-7B-7B wins 100 points, (2) 5B-5B-5B wins 60 points, and (3) 1B-1B-1B wins 10 points. Based on these points, payments of coins are pre-set.

Some slot machines include special symbols (e.g., "WILD") which can be accepted as different winning symbols. To give an example of this case, even when a combination of symbols along a winning line cannot be a winning combination because of one different symbol [WILD] (e.g., 7B-7B-WILD), [WILD] can be accepted as [7B], and this combination can gain 100 points as does (1) 7B - 7B - 7B.

But the conventional slot machines are common in developments of their games. A slot machine of which game is more amusing and develops more positively is expected among the players.

"WILD" is a symbol simply for avoiding "LOST" of a game but does not positively develop the game.

What has been described above is the same with other game machines, as of poker game ma-

chine, etc., which select preset characters based on random numbers and determine the presence of a win.

### Summary of the Invention

An object of this invention is to provide a game machine of which game is highly amusing and develops innovationally and positively.

In order to achieve this object, the game machine according to this invention judges a combination of the characters stopped along a winning line, based on a winning combination table so as to determine the presence of a win and a payment of coins, and is characterized by a substitutable character which can be used for a different character, and when its use as a different character makes a combination of characters a win, a payment of coins is increased or decreased to determine a new payment of coins.

The present invention will become more fully understood from the detailed description given hereinbelow and the accompanying drawings which are given by way of illustration only, and thus are not to be considered as limiting the present invention.

Further scope of applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.

### Brief Description of the Drawings

Fig. 1 is a view of rows of symbols arranged on the outside peripheries of the reels of a conventional slot machine;

Fig. 2 is a front view of the appearance of the slot machine according to a first embodiment of this invention;

Fig. 3 is a functional block diagram of a circuit of the slot machine according to the first embodiment;

Fig. 4 is a perspective view of the appearance of a reel usable in the slot machine according to the first embodiment;

Fig. 5 is a view of ranked winning combinations of symbols;

Fig. 6A is a view of a first example of arrangement of external symbols usable in the slot machine according to the first embodiment;  
 Fig. 6B is a view of a first example of arrangement of internal symbols usable in the slot machine according to the first embodiment;  
 Fig. 7A is a view of a second example of arrangement of external symbols usable in the slot machine according to the first embodiment;  
 Fig. 7B is a view of a second example of arrangement of internal symbols usable in the slot machine according to the first embodiment;  
 Fig. 8A is a view of a third example of arrangement of external symbols usable in the slot machine according to the first embodiment;  
 Fig. 8B is a view of a third example of arrangement of internal symbols usable in the slot machine according to the first embodiment;  
 Figs. 9A and B are tables showing wins finally determined for the symbols on winning lines A, B and C;  
 Fig. 10 is a functional block diagram of a circuit of the slot machine according to a second embodiment of this invention;  
 Fig. 11A is a view of a fourth example of arrangement of external symbols usable in the slot machine according to the second embodiment;  
 Fig. 11B is a view of a fourth example of arrangement of internal symbols usable in the slot machine according to the second embodiment;  
 Fig. 12A is a view of a fifth example of arrangement of external symbols usable in the slot machine according to the second embodiment;  
 Fig. 12B is a view of a fifth example of arrangement of internal symbols usable in the slot machine according to the second embodiment; and  
 Fig. 13 is a table of winning combinations usable in a poker game according to another embodiment.

#### Description of the Preferred Embodiment

Firstly, a first embodiment of a slot machine as an example of the game machine according to this invention will be explained with reference to Figs. 2 to 4. Fig. 2 shows the appearance of a three-reel slot machine this embodiment is adapted to. A player inserts 1 to 3 coins into a slot 1. Winning lines A, B, C to be effected are determined based on a number of the inserted coins. That is, when three coins are inserted, the winning probability becomes the higher. A number of the inserted coins is digitally indicated in a coin number display 3. A number of the inserted coins may be indicated by lighting up LED lamps corresponding to a number (1, 2, 3). Then a start lever 2 of a game switch unit 4 is pulled, and stepping motors for rotating a first reel 5, a second reel 6 and a third reel 7 are

actuated together. While the first, the second and the third reels are on rotation, rows of characters thereon are seen passing respective windows 8, 9, 10 provided for the respective reels, but the character rows come to pass the windows unidentifiably fast.

These reels are driven by a microcomputer and a motor driving circuit. Stop positions of the respective reels are determined in accordance with random numbers generated by a random number generating unit 13. A stop position of the first reel 5 is determined when coins are inserted. Stop positions of the second reel 6 and the third reel 7 are determined when the game switch is pushed in or when the start lever 2 is pulled. The random number generating unit 13 has a 13 bit-register and generates  $8192 (=2^{13})$  random numbers. When the first, the second and the third reels 5, 6, 7 are stopped, characters on the first, the second and the third reels 5, 6, 7 along the winning lines A, B and C are identified. A number of the winning lines A, B and C to be effected is determined in accordance with a number of inserted coins. In the case three coins have been inserted, wins are judged along all the winning lines A, B and C. In the case one coin has been inserted, a win is judged only along the winning line A. When a winning combination of characters is found along any of the effected winning lines, a number of coins corresponding to the win is paid out at a coin discharge opening 11.

Simultaneously therewith, a number of inserted coins and a number of paid coins are indicated in the display 3. Thus, one game is finished. When no win is found along any of the winning lines A, B, C, one game is finished with no win.

When one game is started after a bet switch of the game switch unit 4 is pushed, coins are not paid out, but instead a number of the coins to be paid out is displayed as a credit in the display 3. The number of a credit is equivalent to the same number of coins. One push on the bet switch is equivalent to one insertion of coin, and the number of a credit in the display 3 is decreased by one. When a number of a credit exceeding a maximum insertable number of coins is still left, a maximum bet switch is pushed, which is equivalent to a insertion of the maximum insertable number of coins. The number of the credit in the display 3 is decreased by the maximum insertable number of coins. By pushing a pay-out switch of the game switch unit 4, coins are paid out at the coin discharge opening 11 in a number indicated in the display 3 as a credit.

Fig. 4 shows a functional block diagram of a circuit configuration of the three-reel type slot machine. Before the game is started, the coins thrown in from the coin port 1, are detected by a coin detector 12 one by one, and the count of detection

pulses generated when the coins are detected is supplied to an MPU 16 as a coin count through an input port 14. The coin count supplied to the MPU 16 is stored in a RAM 19 by the MPU 16.

The MPU 16 converts the coin count to data for a display unit 28 and sends it to the display unit 28 so that the display 3 displays the coin count supplied to the MPU 16. The coin count stored in the RAM 19 provides information relating to the winning lines validated in the game for the MPU 16. The winning table is stored in ROM 20 and the internal symbols corresponding to the stop positions of reels are separately stored for each reel in ROM 20.

When the player throws in the coins and manipulates the start switch on the game switch unit 4 or the start lever 2, the MPU 16 reads that information through the input port 14 and it activates the motor driver 21 to rotate the stepping motors 22, 23 and 24. The MPU 16 now supplies a drive pulse to the motor driver 16 by reference to a pulse generated by a pulse generator 18. The first reel 5, second reel 6 and third reel 7 are coupled to drive shafts of the stepping motors 22, 23 and 24, respectively, so that the first reel 5, second reel 6 and third reel 7 are rotated with the stepping motors 22, 23 and 24. Many disproportion-type symbols of which the length in peripheral direction is different are arranged on the outer peripheries of each reel. Each symbol corresponds to a stop position. The symbol L of which peripheral length is long has a character such as "7B" or "5B", etc. drawn and the symbol S of which peripheral length is short has blank (hereinafter referred as "BL"). Accordingly, all characters are not arranged on the outer peripheries of each reel continuously (Fig. 5).

The numbers of pulses supplied to the stepping motor 22, 23 and 24 are stored in the RAM 19 from the MPU 16. Since the rotation angles of the stepping motors 22, 23 and 24 change with the numbers of pulses, the MPU 16 can uniquely determine the rotation positions of the stepping motors 22, 23 and 24.

Projections 5a, 6a and 7a for producing reset signals are provided on portions of circumferences of the first reel 5, second reel 6 and third reel 7 attached to the drive shafts of the stepping motors 22, 23 and 24. The projections 5a, 6a and 7a are detected by photo-sensors 25, 26 and 27, respectively, in each revolution of the reels, and the detection signals are used to determine reference positions of the reels.

In this manner, the MPU 16 can determine the numbers of pulses to be supplied to the stepping motors in order to reach the stop positions of the reels. The symbol position on the winning line when the first reel 5, second reel 6 and the third reel 7 stop correspond to the numbers of pulses

supplied to the stepping motors from the MPU 16.

In the determination of winning, the winning lines validated by the number of coins thrown in into account are taken into consideration. In case of winning, the coins are paid out from the exit 11, or if the bet switch of the game switch 4 has been depressed, the number of coins to be paid out is displayed on the display 3 as credit. The MPU 16 supplies a hopper drive signal to a driver 29 through an output port 17 so that the hopper is driven and the coins are paid out. Each time the coin is paid out, a microswitch in the hopper is actuated to generate a pulse.

The pulse is sent to the MPU 16 through a driver 29 and an input port 14. Since the number of pulses sent to the MPU 16 corresponds to the number of coins paid out, the MPU 16 can determine the exact number of coins paid out.

When the number of pulses supplied reaches the number of coins to be paid out, the MPU 16 sends a hopper stop signal to the driver 29 through the output port 17 so that the hopper is stopped.

When the coins have been paid out, the number of coins paid out is displayed on the display 3. The number of coins thrown in for the game is not erased until coins are newly thrown in for the next game.

A winning combination table of ranked symbols which are usable in the slot machine described above will be explained with reference to Fig. 5. The symbols are eight kinds, [Angel], [Devil], [7 Bar], [3 Bar], [2 Bar], [1 Bar], [0 Bar], [Blank] which are ranked in the stated order. What has to be noted here is that [Angel] (a rank-up symbol) can be used as the most highly Tranked symbol in a combination of symbols positioned along a effected winning line, and this substitution makes the combination a winning one, a number of coins for the winning combination is determined for a rank higher by one rank. and [Devil] (a rank-down symbol) can be used as the most highly ranked symbol in a combination of symbols positioned along a effected winning line, and this substitution makes the combination a winning one, a number of coins for the winning combination is determined for a rank lower by one rank.

Next, examples of arrangement of symbols on external reels (hereinafter called "external symbols") of the above-described slot machine and of arrangement of symbols on internal (virtual) reels (hereinafter called "internal symbols") stored by ROM 20, and a method of judging a win will be explained with reference to Figs. 6 to 9. Figs. 6 to 8 show examples of arrangement of symbols. Fig. 9 is a finally judged winning combination table for combinations of symbols along the winning lines A, B, C to be compared with. The first, the second, and the third reels 5, 6, 7 have 24 external symbols

respectively.

Figs. 6A and 6B show the external and the internal symbols of the slot machine according to a first example of arrangement. In this example of arrangement, 32 internal symbols are assigned to the first reel 5, 16 internal symbols are assigned to the second reel 6 and 16 internal symbols are assigned to the third reel 7. One stop position is allocated to every internal symbol. That is, the first reel 5 can stop at 32 different rotation angles, and the second and the third reels 6, 7 can stop respectively at 16 different rotation angles. These internal symbols correspond to random numbers outputted by the random number generating unit 13. Accordingly the internal symbols are identified by random numbers, and the reels are stopped at stop positions corresponding to the identified internal symbols. The images (external symbols) seen at the windows 8, 9, 10 are identified by these stop positions. In this case, the value given by multiplying the total numbers of the internal symbols on the respective reels (the first reel: 32, the second reel: 16, the third reel: 16) is 8192 ( $= 32 \times 16 \times 16$ ). This value is equal to a total number of random numbers 8192 ( $= 2^{13}$ ) generated upon determining the presence of a win. This results in a game which develops naturally without partiality and intention. In the case a slot machine is designed with a probability of occurrences of winning symbols preset, the degree of freedom is so wide that a slot machine can be designed easily.

Figs. 7A and B show external symbols and internal symbols of the slot machine according to a second example of arrangement. In this example of arrangement, 4 different stop positions are set on the outside periphery of the first reel 5 in the symbol region of a winning symbol [1 Bar]. One symbol is allocated to each of the stop positions. In Fig. 7A, for example, when the first reel 5 stops at No. 0, the second reel 6 stops at No. 0, and the third reel 7 stops at No. 6, combinations of symbols along the winning lines correspond to No. 3 (see Fig. 9A), and a combination of symbols [Angle - Angel - 7 Bar] is displayed along the winning line A. In this combination, since the two [Angel]s can be used as [7 Bar]s, this combination formally corresponds to [7 Bar - 7 Bar - 7 Bar]. But since [Angel] is a rank-up symbol, this combination is finally judged to be [Angle - Angel - Angel] which is higher than [7 Bar - 7 Bar - 7 Bar] by two ranks. Assuming that one coin has been inserted, coins will be paid based on not 100 points but 600 points.

Figs. 8A and B show the external symbols and the internal symbols of the slot machine according to a third example of arrangement. A difference of this third example from the second example is that in this example total numbers of [0 Bar] and

[Blank] of the internal symbols of the second and the third reels 6, 7 are changed so as to raise the pay-out ratio. In Fig. 8A, for example, when the first reel 5 stops at No. 12, the second reel 6 stops at No. 12, and the third reel 7 stops at No. 4, combinations of symbols along the winning lines correspond to No. 43 (see Fig. 9B), and a combination of symbols, [Devil - Devil - 1 Bar] is displayed in the windows 8, 9, 10 along the winning line A. In this combination, since the two [Devil]s can be used as [1 Bar], this combination formally corresponds to [1 Bar - 1 Bar - 1 Bar], but since [Devil] is a rank-down symbol, this combination is judged to be [A Bar - A Bar - A Bar] which is lower than [1 Bar - 1 Bar - 1 Bar] by two ranks. If one coin has been inserted, accordingly coins will be paid based on not 10 points but 5 points.

A second embodiment of the slot machine is now explained with reference to Figs. 9 to 12. A construction of the slot machine of the present embodiment is first explained with reference to Fig. 10. Since an external view of the slot machine is essentially the same as that of the first embodiment, the explanation thereof is omitted.

Fig. 10 shows a video-type slot machine in accordance with the present invention. It shows a functional block diagram of a circuit configuration of a three-reel type slot machine. A CRT 37 is provided at the position of reels in the video-type slot machine. The CRT 37 is driven by a micro computer 38 and a CRT driver 39, and nine symbols in total are displayed in matrix on the display screen.

Before the game is started, the number of coins thrown in is counted by a counter 40 with the data supplied from an input port 55. The number of effective lines for the winning lines on the display screen is determined by the number of coins thrown in. The winning effective lines are referenced in determining the winning.

When a start button is depressed, a clock pulse is supplied from a pulse generator 41 to the CPU 43 and a microcomputer 38 is activated. The microcomputer 38 processes the game in accordance with a game program stored in a ROM 44. As the microcomputer 38 is activated, a CRT controller 45 is activated and character data of the symbols to be displayed on the CRT 37 from a character ROM 37 are accessed in an address sequence so that the symbols are displayed with scrolling. The ROM 44 stores, in addition to the game program, the contents of three symbol tables corresponding to the mechanical reels, internal symbol table corresponding to the symbol tables and a winning table.

The displayed symbol address data is held while it is sequentially updated in a RAM 47. After a predetermined time period, the scrolling of the

first symbol train 49 vertically displayed on the CRT 37 is stopped by a stop signal generated by a random number generator 48 so that three symbols are specified. By stop signals sequentially produced from delay circuits and 51, the scrolling of the second symbol train 52 and the third symbol train 53 is stopped. In this manner, nine symbols in total are specified. The random number generator 48 comprises a 12-bit register which generates 4096 ( $=2^{12}$ ) random numbers. The stop positions in the symbol trains are specified in accordance with the random numbers.

The RAM 47 stores the address data of the symbols displayed on the CRT 37 and the display position data. When the scrolling of all symbol trains 49, 52 and 53 stops, whether the combination of symbols displayed along the validated winning line is the winning combination or not is determined. The address data stored in the winning table memory of the ROM 44 and the data stores in the RAM 47 are compared to get the determination of the winning.

In order to display the symbols which constitute the winning combination distinctively from other symbols, the background of the symbols may be changed or color tone of the symbols may be reversed to that of regular display colors. The CPU 43 has input port 55 and output port 56 connected thereto. The output port 56 supplies drive signal to a hopper 58 in response to a signal from the CPU 43. The hopper 58 pays out a predetermined number of coins corresponding the type of winning in response to the signal from the output port 56. When the hopper 58 has paid out the predetermined number of coins, a normal symbol display mode is restored and the slot machine is reset to the initial state.

Examples of arrangement of symbols scrolled by the CRT 37 (hereinafter called "scroll symbol") of the above-described slot machine and the symbols arranged on the internal reels stored in the ROM 44 will be explained with reference to Figs. 11 and 12.

Figs. 11A and Fig. 11B show the scroll symbols and the internal symbols of the slot machine according to a fourth example of arrangement. In this fourth example, 4 different stop positions are set on symbol rows 49 of the scroll symbols for the winning symbol [1 Bar]. One internal symbol is allocated to each of the stop positions. For example, in Fig. 11A, when the a first symbol row 49 stops at No. 0, a second symbol row 52 stops at No. 12, and a third symbol row 53 stops at No. 4, combinations of winning symbols along the winning lines correspond to No. 24 (see Fig. 9A), and a combination of symbols, [Angel - Devil - 1 Bar] is displayed on a monitor. In this combination, since [Angel] and [Devil] can be used as [1 Bar]s, this

combination formally corresponds to [1 Bar - 1 Bar - 1 Bar]. But, since [Angel] is a rank-up symbol, while [Devil] is a rank-down symbol, their ranks are compensated, and this combination is finally judged to be [1 Bar - 1 Bar - 1 Bar]. If one coin has been inserted, accordingly coins are paid out based on 10 points.

Figs. 12A and Fig. 12B show the scroll symbols and the internal symbols of the slot machine according to a fifth example of arrangement. A difference of this fifth example of arrangement from the fourth example is that in the fifth example, total numbers of [0 Bar] and [Blank] of the internal symbols in the symbol rows 49 and 53 are varied from each other so as to raise the pay-out ratio. For example, in Fig. 12A, when the first symbol row 49 stops at No. 12, the second symbol row 52 stops at No. 12, and the third symbol row 53 stops at No. 4, combinations of symbols along the winning line correspond to No. 43 (see Fig. 9B), and a combination of symbols [Devil - Devil - 1 Bar] is displayed on the monitor. In this combination, since [Devil] can be used as [1 Bar], this combination formally corresponds to [1 Bar - 1 Bar - 1 Bar]. But since [Devil] is a rank-down symbol, this combination is finally judged to be [A Bar - A Bar - A Bar] which is lower than [1 Bar - 1 Bar - 1 Bar] by 2 ranks. If one coin has been inserted, accordingly coins will be paid based on 5 points.

This invention is not limited to the above-described embodiments. For example, a number of the reels, a number of symbols and arrangement of the symbols are selected suitably depending on game conditions. It is possible to use the arrangements according to the first, second and third examples can be used in the second embodiment, and reversely the arrangements according to the fourth and fifth examples can be used in the first embodiment.

The game machine according to this invention has been explained by means of embodiments in which the game machine is exemplified by a slot machine. But the game machine may be any machine as long as certain characters are selected based on random numbers, and the presence of a win is determined. An embodiment in which the game machine according to this invention is exemplified by a video poker game machine will be explained below.

Since the game machine according to this embodiment can use the circuit of Fig. 10 except that different patterns are displayed on the monitor of the CRT 37, and more game switches 61 are provided, detailed explanation of this game machine will be omitted. Fig. 13 is a winning combination table showing ranks of winning combinations of characters. The characters contain [ANGEL JOKER] (a rank-up character), and [DEVIL JOKER]

(a rank-down character). The functions of these characters are the same as described above. For example, assuming that the characters displayed on a monitor are [2 - 2 - 4 - 6 - ANGEL JOKER], [ANGEL JOKER] can be used as a character which can compose the highest ranked combination. In this combination, since the possible highest rank is a three of [2], [ANGEL JOKER] can be used as [2]. Then this combination formally corresponds to [2 - 2 - 4 - 6 - 2]. But, since [ANGEL JOKER] is a rank-up character, [ANGEL JOKER] in this combination is finally judged to be a straight of [2] which is higher than a three of [2] by one rank. Accordingly coins are paid based on not 3 point but 4 points.

Here it is assumed that a combination characters, [2 - 2 - 4 - 6 - DEVIL JOKER] is displayed on the monitor. [DEVIL JOKER] can be used as a character which can compose the highest ranked combination. Since the possible highest rank is a three of [2], [DEVIL JOKER] is used as [2]. Then this combination formally corresponds to [2 - 2 - 4 - 6 - 2]. But, since [DEVIL JOKER] is a rank-down character, this combination is finally judged to be a two pair of [2] lower than a three of [2] by one rank. Accordingly coins are paid based on not 3 points but 2 points.

In addition, it is assumed that the characters displayed on a monitor are [2 - 2 - 4 - ANGEL JOKER]. The possible highest rank in this combination is four of [2]. In this combination, [ANGEL JOKER] is used as [2]. Then this combination formally corresponds to [2 - 2 - 4 - 2 - 2]. But since [ANGEL JOKER] is a rank-up character, and [DEVIL JOKER] is a rank-down character, the change of the ranking is compensated. This combination is finally judged to be a four of [2].

From the invention thus described, it will be obvious that the invention may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be obvious to one skilled in the art are intended to be included within the scope of the following claims.

## Claims

1. A game machine in which a combination of characters stopped along a winning line is judged according to a winning table showing winning combinations of characters to determine the presence of a win and the value thereof, the game machine comprising characters which include at least one substitutable character which can be used as a different character characterised in that when a substitution of the or each substitutable character makes a combination of characters a winning combination, the value of the win is increased or de-

creased.

2. A game machine according to claim 1, wherein the or at least one said substitutable character is a rank-up character, substitution of which to make a combination of characters a winning combination ranks the combination higher, and increases the value of the win.

3. A game machine according to claim 1 or 2, wherein the or at least one said substitutable character is a rank-down character substitution of which to make a combination of characters a winning combination ranks the combination lower, and decreases the value of the win.

4. A game machine according to any one of the preceding claims, wherein the or at least one said substitutable character is a symbol included in external symbols arranged on the peripheries of reels (5,6,7) of a slot machine.

5. A game machine according to any one of the preceding claims, wherein the or at least one said substitutable character is a symbol included in symbol rows (49,52,53) scrolled by a CRT screen (37) of a slot machine.

6. A game machine according to any one of the preceding claims, wherein the or at least one said substitutable character is a symbol included in internal symbols stored in a memory (20) for respective reels (5,6,7) of a slot machine.

7. A game machine according to claim 6, wherein a multiple of total numbers of the internal symbols of said respective reels (5,6,7) is equal to a total number of random numbers based on which the presence of a win is judged.

8. A game machine according to claim 7, wherein the total number of random numbers is  $2^n$  (n: an integer).

9. A game machine according to any one of claims 4 to 8, wherein said reels (5,6,7) of said slot machine have different stop positions.

10. A game machine according to any one of the preceding claims, wherein the machine is arranged to pay out coins or tokens for a win.

11. A method for determining the value of a win for a game machine having characters arranged to be stopped along a winning line based on random numbers, comprising comparing a combination of the characters along the winning line with a winning table of ranks of winning combinations of characters to determine the value of a win for the combination, the method being characterised in that when a combination of characters along the winning line includes at least one substitutable character which can be used as another character, and a substitution of the or each said substitutable character makes the combination of characters a winning combination, the value of the win is increased or decreased.

12. A method according to claim 11, wherein when



a substitution of the or each said substitutable character makes a combination of characters a winning combination, the combination is ranked higher, and the svalue of the win is increased.

13. A method according to claim 11 or 12, wherein when a substitution of the or each said substitutable character makes a combination of characters a winning combination, the combination is ranked lower, and the value of the win is decreased. 5

14. A method according to any one of claims 11 to 13, wherein said substitutable character is a symbol to be displayed along the winning line when reels (5,6,7) of the machine are stopped. 10

15. A method according to any one of claims 11 to 14, wherein the or at least one said substitutable character is a symbol to be displayed along the winning line when reels (5,6,7) on a CRT screen (37) are stopped scrolling. 15

16. A method according to any one of claims 11 to 15, wherein the or at least one said substitutable character is a card to be displayed on a CRT screen (37) of a video poker game. 20

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Fig. 1

STOP POSITION	1ST REEL	2ND REEL	3RD REEL
1	7B	7B	7B
2	7B	7B	BL
3	BL	BL	BL
4	BL	BL	1B
5	1B	1B	BL
6	BL	BL	BL
7	5B	5B	5B
8	BL	BL	BL
9	BL	BL	BL
10	1B	1B	1B
11	BL	BL	BL
12	BL	BL	BL
13	5B	5B	5B
14	BL	BL	BL
15	1B	BL	BL
16	1B	1B	1B

Fig. 2

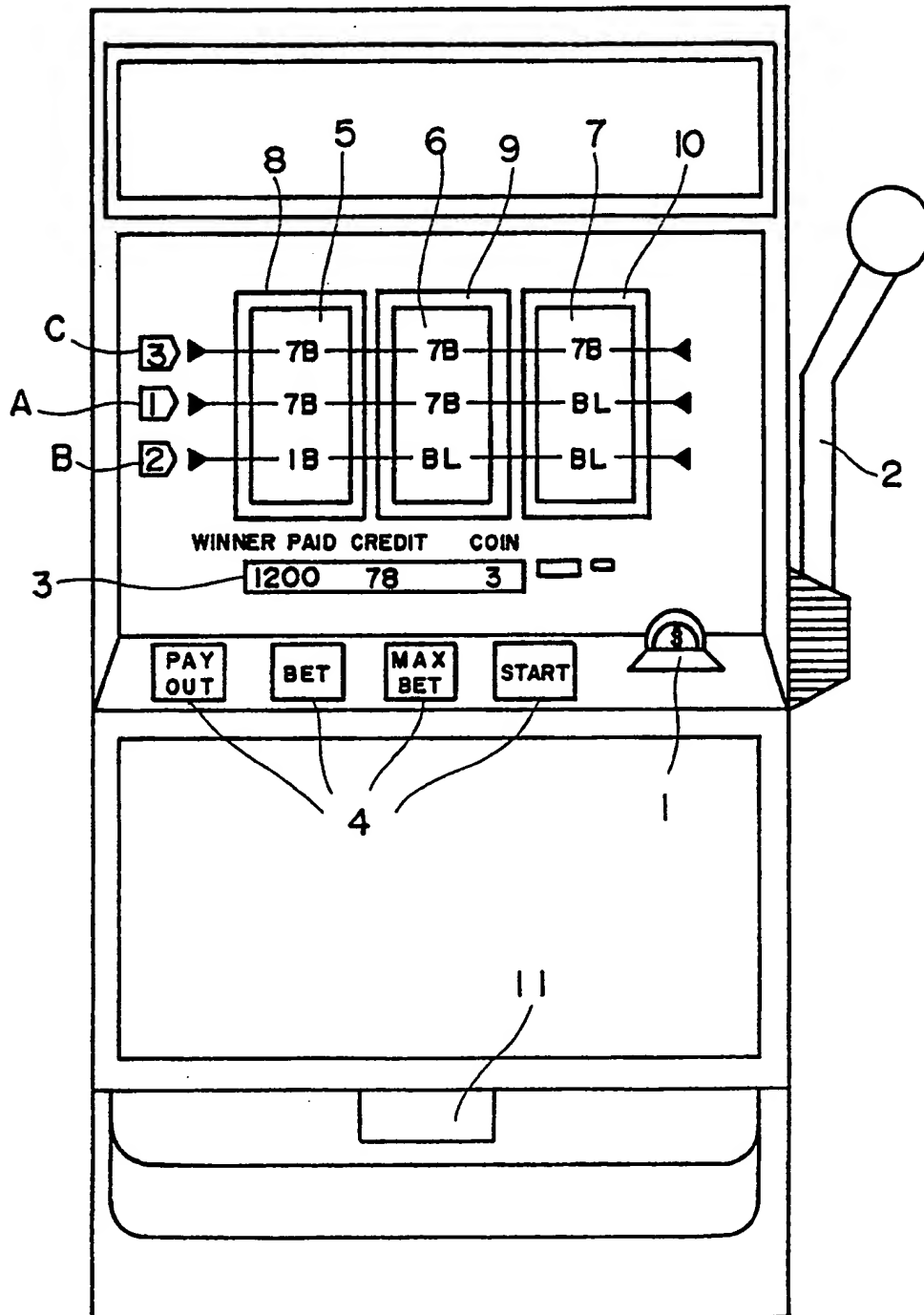


Fig. 3

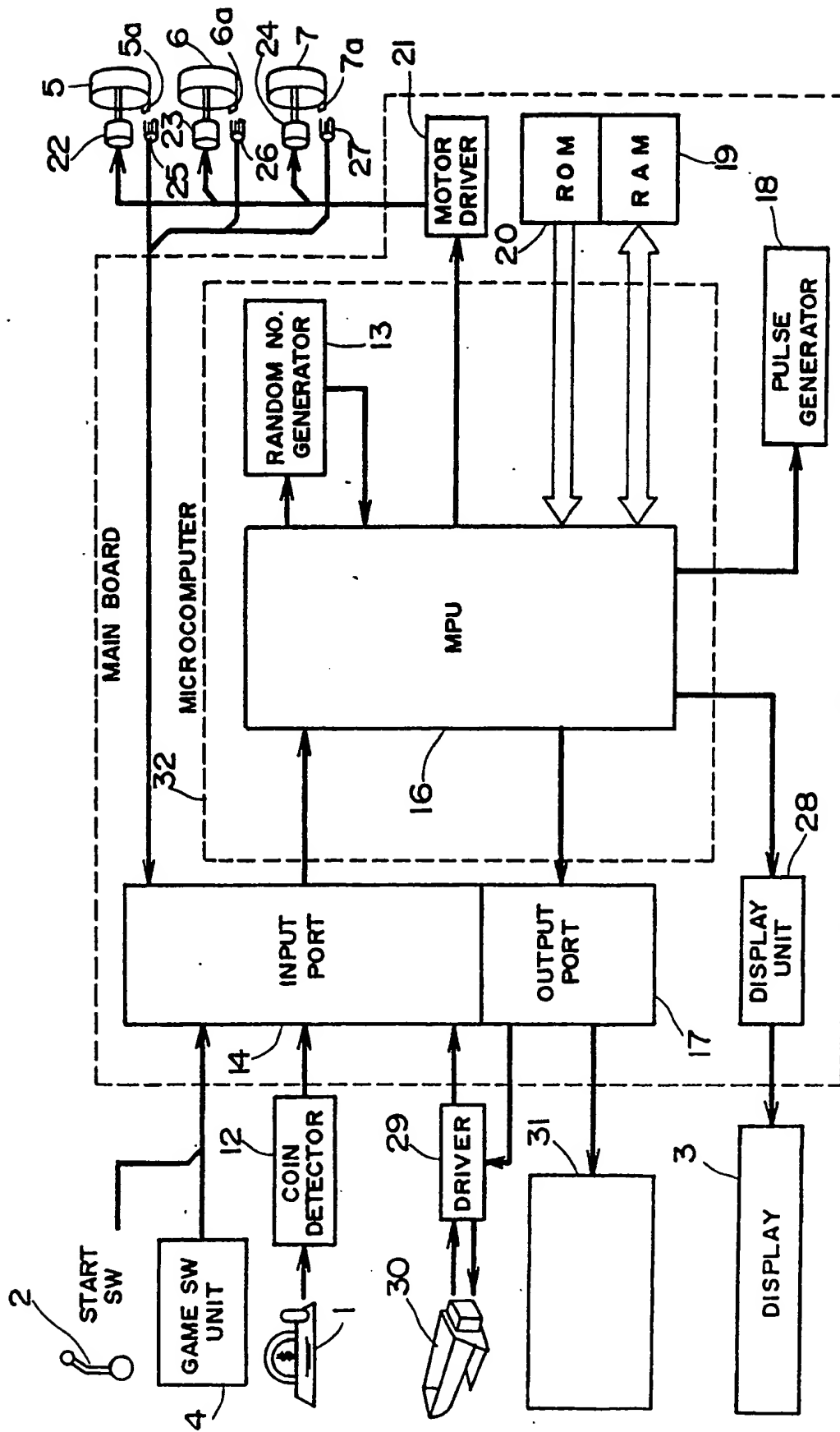


Fig. 4

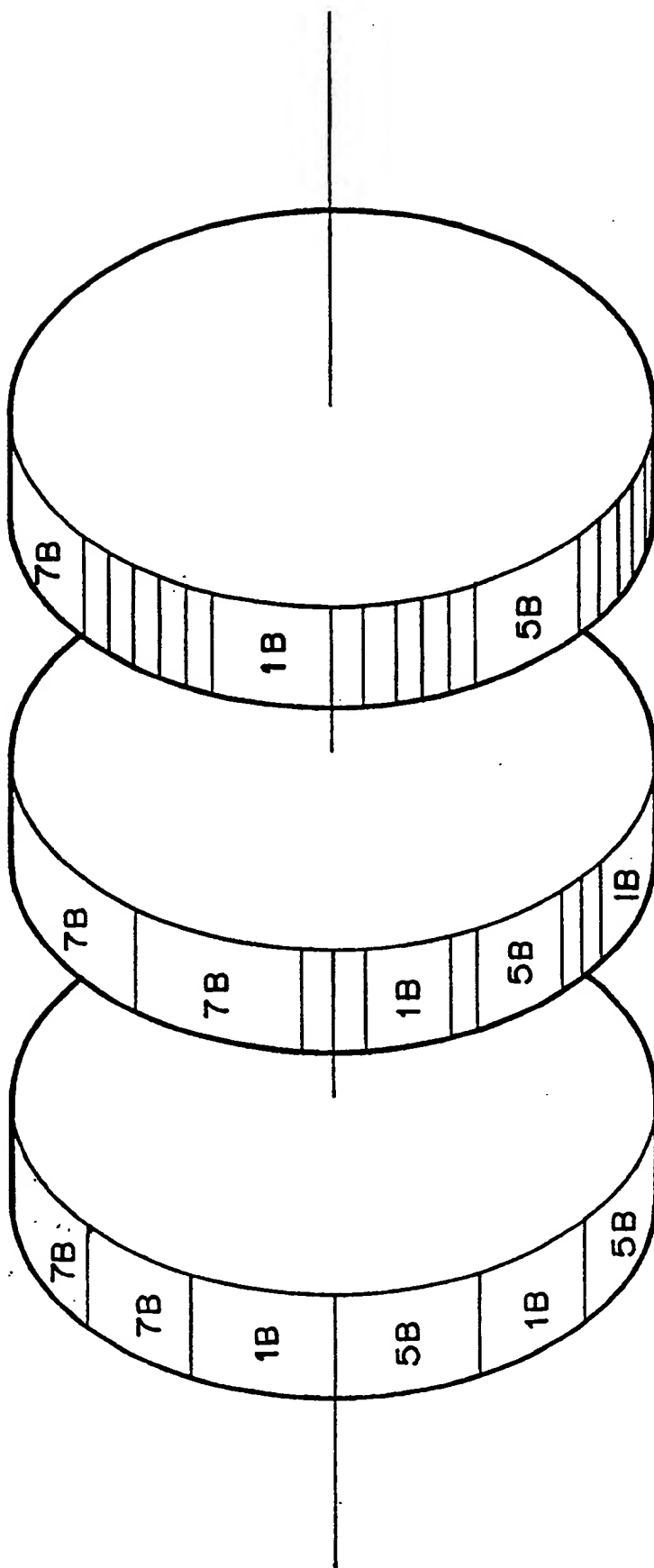


Fig. 5

<b>Hit Combinations</b>	<b>1 Coin</b>	<b>2 Coin</b>	<b>3 Coin</b>
<b>Angel : Angel : Angel :</b>	<b>600</b>	<b>1200</b>	<b>1800</b>
<b>Devil : Devil : Devil :</b>	<b>200</b>	<b>400</b>	<b>600</b>
<b>7 Bar : 7 Bar : 7 Bar :</b>	<b>100</b>	<b>200</b>	<b>300</b>
<b>3 Bar : 3 Bar : 3 Bar :</b>	<b>60</b>	<b>120</b>	<b>180</b>
<b>2 Bar : 2 Bar : 2 Bar :</b>	<b>40</b>	<b>80</b>	<b>120</b>
<b>1 Bar : 1 Bar : 1 Bar :</b>	<b>10</b>	<b>20</b>	<b>30</b>
<b>0 Bar : 0 Bar : 0 Bar :</b>	<b>7</b>	<b>14</b>	<b>21</b>
<b>A Bar : A Bar : A Bar :</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>0 Bar : 0 Bar : - :</b>	<b>2</b>	<b>4</b>	<b>6</b>

Fig.6 A

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar	1 Bar	0 Bar
3			
4	3 Bar	2 Bar	1 Bar
5			
6	7 Bar	7 Bar	7 Bar
7			
8	3 Bar	3 Bar	1 Bar
9			
10	0 Bar	1 Bar	1 Bar
11			
12	Devil	Devil	Devil
13			
14	3 Bar	1 Bar	0 Bar
15			
16	2 Bar	2 Bar	3 Bar
17			
18	7 Bar	1 Bar	1 Bar
19			
20	2 Bar	3 Bar	2 Bar
21			
22	1 Bar	0 Bar	0 Bar
23			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	2	2	1
1 Bar	2	4	4
0 Bar	1	1	3
Blank	12	12	12
Total	24	24	24
Tape No	Reel 1	Reel 2	Reel 3

Fig.6 B

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1		1 Bar	
2	1 Bar	2 Bar	0 Bar
3	1 Bar		1 Bar
4	1 Bar	7 Bar	7 Bar
5	1 Bar	3 Bar	
6		1 Bar	1 Bar
7	3 Bar		1 Bar
8		Devil	Devil
9	7 Bar	1 Bar	
10		2 Bar	0 Bar
11	3 Bar		3 Bar
12		1 Bar	1 Bar
13	0 Bar	3 Bar	
14	0 Bar	0 Bar	2 Bar
15			0 Bar
16	Devil		
17			
18	3 Bar		
19			
20	2 Bar		
21	2 Bar		
22			
23	7 Bar		
24			
25	2 Bar		
26			
27	1 Bar		
28	1 Bar		
29	1 Bar		
30	1 Bar		
31			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	3	2	1
1 Bar	8	4	4
0 Bar	2	1	3
Blank	12	4	4
Total	32	16	16
Tape NO	Reel 1	Reel 2	Reel 3



Fig. 7 A

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar	1 Bar	0 Bar
3			
4	3 Bar	2 Bar	1 Bar
5			
6	7 Bar	7 Bar	7 Bar
7			
8	3 Bar	3 Bar	1 Bar
9			
10	0 Bar	1 Bar	1 Bar
11			
12	Devil	Devil	Devil
13			
14	3 Bar	1 Bar	0 Bar
15			
16	2 Bar	2 Bar	3 Bar
17			
18	7 Bar	1 Bar	1 Bar
19			
20	2 Bar	3 Bar	2 Bar
21			
22	1 Bar	0 Bar	0 Bar
23			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	2	2	1
1 Bar	2	4	4
0 Bar	1	1	3
Blank	12	12	12
Total	24	24	24
Tape No	Reel 1	Reel 2	Reel 3

Fig. 7 B

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar		
3	1 Bar	1 Bar	
4	1 Bar	1 Bar	
5	1 Bar		
6		2 Bar	0 Bar
7	3 Bar		0 Bar
8		7 Bar	0 Bar
9	7 Bar		
10		3 Bar	1 Bar
11	3 Bar		
12		1 Bar	
13	0 Bar		
14	0 Bar	Devil	
15			
16	Devil	1 Bar	7 Bar
17			
18	3 Bar	2 Bar	
19			
20	2 Bar	1 Bar	
21	2 Bar		
22		3 Bar	1 Bar
23	7 Bar		
24		0 Bar	1 Bar
25	2 Bar	0 Bar	
26			
27	1 Bar		
28	1 Bar		
29	1 Bar		
30	1 Bar		Devil

Fig. 7C

No.	1st REEL	2nd REEL	3rd REEL
31			
32			
33			
34			
35			
36			0 Bar
37			0 Bar
38			
39			
40			3 Bar
41			
42			
43			1 Bar
44			
45			2 Bar
46			
47			0 Bar
48			0 Bar
49			
50			
51			
52			
53			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	3	2	1
1 Bar	8	5	4
0 Bar	2	2	7
Blank	12	14	38
Total	32	28	54
Tape No	Reel 1	Reel 2	Reel 3

Fig.8 A

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar	1 Bar	0 Bar
3			
4	3 Bar	2 Bar	1 Bar
5			
6	7 Bar	7 Bar	7 Bar
7			
8	3 Bar	3 Bar	1 Bar
9			
10	0 Bar	1 Bar	1 Bar
11			
12	Devil	Devil	Devil
13			
14	3 Bar	1 Bar	0 Bar
15			
16	2 Bar	2 Bar	3 Bar
17			
18	7 Bar	1 Bar	1 Bar
19			
20	2 Bar	3 Bar	2 Bar
21			
22	1 Bar	0 Bar	0 Bar
23			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	2	2	1
1 Bar	2	4	4
0 Bar	1	1	3
Blank	12	12	12
Total	24	24	24
Tape No	Reel 1	Reel 2	Reel 3

Fig. 8 B

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar		
3	1 Bar		
4	1 Bar	1 Bar	
5	1 Bar	1 Bar	
6			0 Bar
7	3 Bar	2 Bar	0 Bar
8			0 Bar
9	7 Bar	7 Bar	
10			1 Bar
11	3 Bar	3 Bar	
12			
13	0 Bar	1 Bar	
14	0 Bar		
15		Devil	
16	Devil		7 Bar
17		1 Bar	
18	3 Bar		
19		2 Bar	
20	2 Bar		
21	2 Bar	1 Bar	
22			1 Bar
23	7 Bar	3 Bar	
24			1 Bar
25	2 Bar	0 Bar	
26			
27	1 Bar		
28	1 Bar		
29	1 Bar		
30	1 Bar		Devil

Fig.8 C

No.	1st REEL	2nd REEL	3rd REEL
31			
32			
33			
34			
35			
36			0 Bar
37			0 Bar
38			0 Bar
39			
40			3 Bar
41			
42			1 Bar
43			
44			2 Bar
45			
46			0 Bar
47			0 Bar
48			0 Bar
49			
50			
51			
52			
53			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	3	2	1
1 Bar	8	5	4
0 Bar	2	1	9
Blank	12	15	36
Total	32	28	54
Tape No	Reel 1	Reel 2	Reel 3

Fig. 9 A

No. Reel Combinations	Hit Combinations	Max Odds
1: Angel: Angel: Angel:	Angel: Angel: Angel:	1800
2: Angel: Angel: Devil:	Angel: Angel: Angel:	1800
3: Angel: Angel: 7 Bar:	Angel: Angel: Angel:	1800
4: Devil: Devil: Devil:	Devil: Devil: Devil:	600
5: Angel: 7 Bar: 7 Bar:	Devil: Devil: Devil:	600
6: Angel: Angel: 3 Bar:	Devil: Devil: Devil:	600
7: Angel: Devil: Devil:	7 Bar: 7 Bar: 7 Bar:	300
8: Angel: Angel: 2 Bar:	7 Bar: 7 Bar: 7 Bar:	300
9: Angel: Devil: 7 Bar:	7 Bar: 7 Bar: 7 Bar:	300
10: 7 Bar: 7 Bar: 7 Bar:	7 Bar: 7 Bar: 7 Bar:	300
11: Angel: 3 Bar: 3 Bar:	7 Bar: 7 Bar: 7 Bar:	300
12: Angel: Devil: 3 Bar:	3 Bar: 3 Bar: 3 Bar:	180
13: Devil: 7 Bar: 7 Bar:	3 Bar: 3 Bar: 3 Bar:	180
14: Angel: Angel: 1 Bar:	3 Bar: 3 Bar: 3 Bar:	180
15: 3 Bar: 3 Bar: 3 Bar:	3 Bar: 3 Bar: 3 Bar:	180
16: Angel: 2 Bar: 2 Bar:	3 Bar: 3 Bar: 3 Bar:	180
17: Devil: Devil: 7 Bar:	2 Bar: 2 Bar: 2 Bar:	120
18: Angel: Devil: 2 Bar:	2 Bar: 2 Bar: 2 Bar:	120
19: Devil: 3 Bar: 3 Bar:	2 Bar: 2 Bar: 2 Bar:	120
20: Angel: Angel: 0 Bar:	2 Bar: 2 Bar: 2 Bar:	120
21: 2 Bar: 2 Bar: 2 Bar:	2 Bar: 2 Bar: 2 Bar:	120
22: Angel: 1 Bar: 1 Bar:	2 Bar: 2 Bar: 2 Bar:	120
23: Devil: Devil: 3 Bar:	1 Bar: 1 Bar: 1 Bar:	30
24: Angel: Devil: 1 Bar:	1 Bar: 1 Bar: 1 Bar:	30
25: Devil: 2 Bar: 2 Bar:	1 Bar: 1 Bar: 1 Bar:	30
26: 1 Bar: 1 Bar: 1 Bar:	1 Bar: 1 Bar: 1 Bar:	30
27: Angel: 0 Bar: 0 Bar:	1 Bar: 1 Bar: 1 Bar:	30
28: Angel: 2 Bar: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21
29: Devil: Devil: 2 Bar:	0 Bar: 0 Bar: 0 Bar:	21
30: Angel: Devil: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21
31: Devil: 1 Bar: 1 Bar:	0 Bar: 0 Bar: 0 Bar:	21
32: Angel: Angel: Blank:	0 Bar: 0 Bar: 0 Bar:	21
33: Angel: 2 Bar: 1 Bar:	0 Bar: 0 Bar: 0 Bar:	21
34: 0 Bar: 0 Bar: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21
35: Angel: 7 Bar: 3 Bar:	0 Bar: 0 Bar: 0 Bar:	21
36: Angel: 7 Bar: 2 Bar:	0 Bar: 0 Bar: 0 Bar:	21
37: Angel: 7 Bar: 1 Bar:	0 Bar: 0 Bar: 0 Bar:	21
38: Angel: 7 Bar: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21
39: Angel: 3 Bar: 2 Bar:	0 Bar: 0 Bar: 0 Bar:	21
40: Angel: 3 Bar: 1 Bar:	0 Bar: 0 Bar: 0 Bar:	21
41: Angel: 3 Bar: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21
42: Angel: 1 Bar: 0 Bar:	0 Bar: 0 Bar: 0 Bar:	21

Fig. 9 B

No. Reel Combinations	Hit Combinations	Max Odds
43: Devil : Devil : 1 Bar:	A Bar: A Bar: A Bar:	15
44: Devil : 0 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
45: 1 Bar: 0 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
46: 1 Bar: 1 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
47: 2 Bar: 0 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
48: 2 Bar: 1 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
49: 2 Bar: 1 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
50: 2 Bar: 2 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
51: 2 Bar: 2 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
52: 3 Bar: 0 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
53: 3 Bar: 1 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
54: 3 Bar: 1 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
55: 7 Bar: 7 Bar: 3 Bar:	A Bar: A Bar: A Bar:	15
56: 7 Bar: 7 Bar: 2 Bar:	A Bar: A Bar: A Bar:	15
57: 7 Bar: 7 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
58: 7 Bar: 7 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
59: 7 Bar: 3 Bar: 3 Bar:	A Bar: A Bar: A Bar:	15
60: 7 Bar: 3 Bar: 2 Bar:	A Bar: A Bar: A Bar:	15
61: 7 Bar: 3 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
62: 7 Bar: 3 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
63: 7 Bar: 2 Bar: 2 Bar:	A Bar: A Bar: A Bar:	15
64: 7 Bar: 2 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
65: 7 Bar: 2 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
66: 7 Bar: 1 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
67: 7 Bar: 1 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
68: 7 Bar: 0 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
69: 3 Bar: 3 Bar: 2 Bar:	A Bar: A Bar: A Bar:	15
70: 3 Bar: 3 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
71: 3 Bar: 3 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
72: 3 Bar: 2 Bar: 2 Bar:	A Bar: A Bar: A Bar:	15
73: 3 Bar: 2 Bar: 1 Bar:	A Bar: A Bar: A Bar:	15
74: 3 Bar: 2 Bar: 0 Bar:	A Bar: A Bar: A Bar:	15
75: Angel: 0 Bar: Blank:	A Bar: A Bar: A Bar:	15
76: Devil : 2 Bar: 0 Bar:	0-Bar: 0-Bar: - :	6
77: Devil : 2 Bar: 1 Bar:	0-Bar: 0-Bar: - :	6
78: Devil : 3 Bar: 0 Bar:	0-Bar: 0-Bar: - :	6
79: Devil : 3 Bar: 1 Bar:	0-Bar: 0-Bar: - :	6
80: Devil : 3 Bar: 2 Bar:	0-Bar: 0-Bar: - :	6
81: Devil : 7 Bar: 0 Bar:	0-Bar: 0-Bar: - :	6
82: Devil : 7 Bar: 1 Bar:	0-Bar: 0-Bar: - :	6
83: Devil : 7 Bar: 2 Bar:	0-Bar: 0-Bar: - :	6
84: Devil : 7 Bar: 3 Bar:	0-Bar: 0-Bar: - :	6
85: Devil : Devil : 0 Bar:	0-Bar: 0-Bar: - :	6
86: Angel: Devil: Blank:	0-Bar: 0-Bar: - :	6
87: Devil : 1 Bar: 0 Bar:	0-Bar: 0-Bar: - :	6
88: 0 Bar: 0 Bar: Blank:	0-Bar: 0-Bar: - :	6



Fig. 10

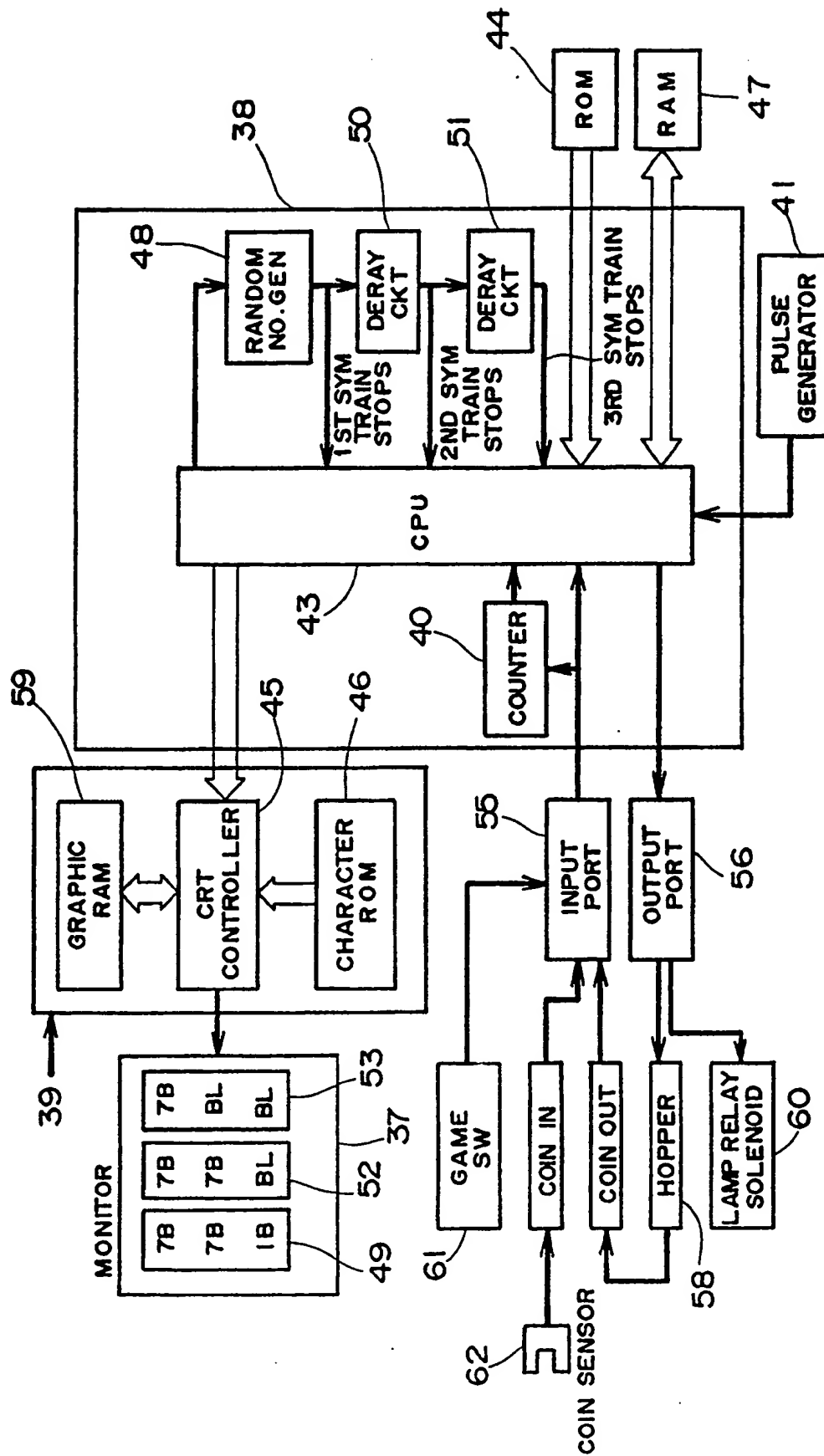


Fig. IIA

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar	1 Bar	0 Bar
3			
4	3 Bar	2 Bar	1 Bar
5			
6	7 Bar	7 Bar	7 Bar
7			
8	3 Bar	3 Bar	1 Bar
9			
10	0 Bar	1 Bar	1 Bar
11			
12	Devil	Devil	Devil
13			
14	3 Bar	1 Bar	0 Bar
15			
16	2 Bar	2 Bar	3 Bar
17			
18	7 Bar	1 Bar	1 Bar
19			
20	2 Bar	3 Bar	2 Bar
21			
22	1 Bar	0 Bar	0 Bar
23			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	2	2	1
1 Bar	2	4	4
0 Bar	1	1	3
Blank	12	12	12
Total	24	24	24
Tape No	Reel 1	Reel 2	Reel 3

Fig.IIB

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar		
3	1 Bar	1 Bar	
4	1 Bar	1 Bar	
5	1 Bar		
6		2 Bar	0 Bar
7	3 Bar		0 Bar
8		7 Bar	0 Bar
9	7 Bar		
10		3 Bar	1 Bar
11	3 Bar		
12		1 Bar	
13	0 Bar		
14	0 Bar	Devil	
15			
16	Devil	1 Bar	7 Bar
17			
18	3 Bar	2 Bar	
19			
20	2 Bar	1 Bar	
21	2 Bar		
22		3 Bar	1 Bar
23	7 Bar		
24		0 Bar	1 Bar
25	2 Bar	0 Bar	
26			
27	1 Bar		
28	1 Bar		
29	1 Bar		
30	1 Bar		Devil

Fig. IIC

No.	1st REEL	2nd REEL	3rd REEL
31			
32			
33			
34			
35			
36			0 Bar
37			0 Bar
38			0 Bar
39			
40			3 Bar
41			
42			
43			1 Bar
44			
45			2 Bar
46			
47			0 Bar
48			0 Bar
49			
50			
51			
52			
53			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	3	2	1
1 Bar	8	5	4
0 Bar	2	2	8
Blank	12	14	37
Total	32	28	54
Tape No	Reel 1	Reel 2	Reel 3

Fig.12 A

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2	1 Bar	1 Bar	0 Bar
3			
4	3 Bar	2 Bar	1 Bar
5			
6	7 Bar	7 Bar	7 Bar
7			
8	3 Bar	3 Bar	1 Bar
9			
10	0 Bar	1 Bar	1 Bar
11			
12	Devil	Devil	Devil
13			
14	3 Bar	1 Bar	0 Bar
15			
16	2 Bar	2 Bar	3 Bar
17			
18	7 Bar	1 Bar	1 Bar
19			
20	2 Bar	3 Bar	2 Bar
21			
22	1 Bar	0 Bar	0 Bar
23			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	2	2	1
1 Bar	2	4	4
0 Bar	1	1	3
Blank	12	12	12
Total	24	24	24
Tape No	Reel 1	Reel 2	Reel 3

Fig.12 B

No.	1st REEL	2nd REEL	3rd REEL
0	Angel	Angel	Angel
1			
2			
3	1 Bar	1 Bar	
4	1 Bar	1 Bar	
5	1 Bar		
6	1 Bar	2 Bar	0 Bar
7			0 Bar
8	3 Bar	7 Bar	0 Bar
9			0 Bar
10	7 Bar	3 Bar	
11			1 Bar
12	3 Bar	1 Bar	
13			
14	0 Bar	Devil	
15			
16	Devil	1 Bar	7 Bar
17			
18	3 Bar	2 Bar	
19			
20	2 Bar	1 Bar	
21	2 Bar		
22		3 Bar	1 Bar
23	7 Bar		
24		0 Bar	1 Bar
25	2 Bar	0 Bar	
26			
27	1 Bar		
28	1 Bar		
29	1 Bar		
30	1 Bar		Devil

Fig.12 C

No.	1st REEL	2nd REEL	3rd REEL
31			
32			
33			
34			
35			
36			0 Bar
37			0 Bar
38			0 Bar
39			
40			3 Bar
41			
42			1 Bar
43			
44			2 Bar
45			
46			0 Bar
47			0 Bar
48			0 Bar
49			
50			
51			
52			
53			
Angel	1	1	1
Devil	1	1	1
7 Bar	2	1	1
3 Bar	3	2	1
2 Bar	3	2	1
1 Bar	8	5	4
0 Bar	1	2	10
Blank	13	14	35
Total	32	28	54
Tape No	Reel 1	Reel 2	Reel 3

Fig.13

<b>Hit Combinations</b>	<b>Max Odds</b>
<b>ROYAL FLUSH</b>	<b>250</b>
<b>STRAIGHT FLUSH</b>	<b>50</b>
<b>FOUR OF A KIND</b>	<b>25</b>
<b>FULL HOUSE</b>	<b>6</b>
<b>FLUSH</b>	<b>5</b>
<b>STRAIGHT</b>	<b>4</b>
<b>THREE OF A KIND</b>	<b>3</b>
<b>TWO PAIR</b>	<b>2</b>